

## 2nd SW P450 Meeting

May 13-15, 2002

Welcome! Our second SW P450 Meeting at Camp Allen was intended to be a casual "retreat-like" meeting where we exchanged ideas both scientific and social, as well as enjoyed the surroundings. Our Evening Speaker was Eric Johnson from The Scripps Research Institute.

### MEETING SCHEDULE

#### MONDAY EVENING MAY 13, 2002

6:00 - 7:00	Dinner	9:05 - 9:35	Bill Peterson Sequence Alignments, Variabilities, and Vagaries
7:00 - 7:10	Welcome	9:35 - 10:05	Michael Waterman The 2.3A Crystal Structure of CYP154C1 from Streptomyces Coelicolar A3(2)
"Physiology and P450s" chair: Craig Marcus		10:05 - 10:35	Linda Roman Chimeric Enzymes of Cytochrome P450 Oxido- Reductase and Neuronal Nitric Oxide Synthase Reductase Domain Reveal Structural and Functional Differences Between the Two
7:10 - 7:40	Jack Omdahl Prostate Cancer and Regulation of Cytochrome P450C1 Expression	10:35 - 10:50	Break
7:40 - 8:10	Sayee Anakk Insights into gender bias: CYP 3A subfamily	"Substrate Binding in Determined Structures" chair: Gaston Hui Bon Hoa	
8:10 - 8:25	Bassem Bejjani Molecular and Biochemical Analyses of CYP1B1 in Congenital Glaucoma	10:50 - 11:20	Dimitri Davydov Detection and characterization of two substrate binding sites in cytochromes P450BM3 and P450eryF
8:25 - 8:55	Alfred Hildebrandt The Drug Industry Regulations after the EEU		
8:55 till ...	Get together		

#### TUESDAY MAY 14, 2002

7:30 - 9:00	Breakfast	11:20 - 11:45	Amita Hegde Comparison of WT and Mutant forms of BMP with Various Substrates
"Alignments, Structures, and Reductase Interactions" chair: Yuzuru Ishimura			
9:00 - 9:05	Good Morning		

11:45 - 12:10 Kishore K. Khan  
Probing the P450eryF active  
site by site-directed  
mutagenesis

9:55- 10:20 Dilyara A. Murtazina  
Complex mechanism for  
substrate specificity of  
cytochrome P450 27 A1

12:10 - 1:30 Lunch

10:20 - 10:40 Break

1:30 - 6:00 Free Time  
Organized canoeing or other  
activity

"Physiology and P450s: The 4 Family" chair:  
Ron Estabrook

5:00 - 6:00 Organizational Meeting

10:44 - 11:05 Yasushi Kikuta  
Human and Mouse CYP4F  
subfamily

6:00 - 7:00 Dinner

11:05 - 11:30 Avinash Kalsotra  
Expression of Cytochromes  
P4504F levels in injury model  
of inflammation.

Evening Presentation Introduced by  
Jim Halpert

7:00 - 8:00 Eric Johnson  
Structural Studies of Substrate  
Binding to Microsomal P450  
2C5

11:30 - 11:55 Dawn Harris  
Influence of Cytochrome b5 on  
the PGE1 and Arachidonic Acid  
Activity of CYP4A4

8:00 till .... Poster Session and  
"Refreshments"

11:55 - 12:00 Farewell

12:00 - 1:30 Lunch and Departure

WEDNESDAY MAY 15, 2002

7:30 - 9:00 Breakfast

"Substrate Binding and Protein Design" chair:  
Wayne Backes

9:00 - 9:05 Good Morning

9:05 - 9:30 Santosh Kumar  
Engineering of cytochrome  
P450 2B1 for progesterone  
21-hydroxylase activity

9:30 - 9:55 Margit Spatzenegger  
Differential Substrate  
Specificities of CYP2B6 and  
CYP2E1